

BARTON·UPON·IRWELL
RURAL DISTRICT COUNCIL.

ANNUAL REPORT

FOR 1912.

BY

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MEDICAL OFFICER'S REPORT.

PATRICROFT,

February, 1913.

To the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I have the honour of submitting to you my First Annual Report on the health and sanitary condition of your district for the year 1912.

AREA AND POPULATION.

The acreage and population of the several Townships in the district for the year 1912 are as follows :—

| TOWNSHIP | Area in Acres | Population, 1901 | Estimated Population, 1912 |
|---------------------|---------------|------------------|----------------------------|
| Barton Moss..... | 1407 | 234 | 208 |
| Davyhulme | 2701 | 1231 | 1450 |
| Flixton | 1564 | 3656 | 4940 |
| Clifton | 1193 | 2947 | 2740 |
| Whole District..... | 6865 | 8068 | 9338 |

BIRTHS.

The number of births registered during the year was 202, or 9 less than the previous year; the birth-rate was 21·7 per 1,000 population, as against 22·7 in 1911; the average birth-rate for the previous five years being 23·3.

The sex of the children born and the birth-rate of the separate Townships are given below :—

| TOWNSHIP | Males | Females | Total | Birth Rate |
|----------------------|-------|---------|-------|------------|
| Barton Moss | 3 | 3 | 6 | 28·8 |
| Davyhulme | 21 | 7 | 28 | 19·3 |
| Flixton | 53 | 57 | 110 | 22·2 |
| Clifton | 27 | 29 | 56 | 20·4 |
| Whole District | 104 | 96 | 200 | 21·4 |

The male births, as usual, are in excess of the female births. Barton Moss has the highest birth-rate of any township in your district.

To the total of 200 births, as shewn in the preceding table, two must be added. These births have been transferred to your district by the Registrar General, making a total of 202 births and a birth-rate of 21·7. Four illegitimate births were registered during the year.

DEATHS.

The number of deaths registered during the year was 112, or 16 less than in the previous year. The death-rate for the year was 11·9 per thousand living, as compared with 13·8 in 1911. Included in the deaths are 21 which have been transferred; these are deaths of residents not registered in the district. Out of the 112 deaths, 51 occurred in persons of 65 years of age and upwards; the principal causes of death in this number being senile decay and cerebral hæmorrhage.

The following Table shows the sex of the persons dying, and the death-rates in the different localities of the district:—

| TOWNSHIP | Males | Females | Total | Death Rate |
|----------------------|-------|---------|-------|------------|
| Barton Moss | 1 | 3 | 4 | 19·2 |
| Davyhulme | 11 | 5 | 16 | 11 |
| Flixton | 29 | 31 | 60 | 12·1 |
| Clifton | 19 | 13 | 32 | 11·6 |
| Whole District | 60 | 52 | 112 | 11·9 |

INFANT MORTALITY.

Only six deaths of children under one year of age were registered, giving a death-rate of 29·7 per 1,000 births, as compared with 94 in 1911. The figure for the past year is very satisfactory, and is the lowest that has occurred in your district.

The following Table shows the number of deaths from all causes: the seven principal infectious diseases, viz., small-pox, measles, scarlet fever, whooping cough, diphtheria and membranous croup, and diarrhœa; from phthisis and from respiratory diseases:—

| TOWNSHIP | All Causes | | Infectious Diseases | | Phthisis | | Respiratory Diseases | |
|---------------------|------------|------------|---------------------|------------|----------|------------|----------------------|------------|
| | Deaths | Death Rate | Deaths | Death Rate | Deaths | Death Rate | Deaths | Death Rate |
| Barton Moss..... | 4 | 19·2 | — | — | — | — | 1 | 4·8 |
| Davyhulme | 16 | 11 | — | — | — | — | 1 | ·6 |
| Flixton | 60 | 12·1 | 1 | ·2 | 3 | ·6 | 8 | 1·6 |
| Clifton | 32 | 11·6 | — | — | 3 | 1 | 10 | 3·6 |
| Whole District..... | 112 | 11·9 | 1 | — | 6 | ·6 | 20 | 2·1 |

Respiratory diseases, comprising bronchitis, pneumonia, and pleurisy accounted for 20 deaths, against 18 in 1911, 20 in 1910, 22 in 1909, and 18 in 1908. The number of deaths from these causes cannot be said to be high considering the treacherous weather we experienced during the year.

Phthisis accounted for 6 deaths, showing a death-rate of $\cdot 6$, the same as in 1911, $\cdot 4$ in 1910, $\cdot 5$ in 1909, and $\cdot 4$ in 1908.

There were no deaths from diarrhoea, as against 12 in 1911 and 3 in 1910.

INFECTIOUS DISEASES.

The cases of infectious diseases notified during the year are shewn in Table III. No deaths have occurred from the notifiable infectious diseases (other than phthisis) in the district.

Forty-four cases were notified during the year, against 45 in 1911, 115 in 1910, 89 in 1909, and 42 in 1908.

TYPHOID FEVER.

Only one case was notified during the year, and occurred in Clifton. This case had nursed a brother suffering from the same disease in an adjoining district, and was without doubt the source of infection.

SCARLET FEVER.

The number of Scarlet Fever notifications was 32, against 22 in 1911, 84 in 1910, 66 in 1909, and 19 in 1908.

Twenty-four of these occurred in Flixton, 4 in Davyhulme, and 4 in Clifton.

Many of the cases were of a very mild nature, and several were contracted outside the district, and occurred in children attending schools in other districts where the disease was prevalent.

DIPHTHERIA.

Seven cases of Diphtheria were notified, against 10 in 1911, 24 in 1910, 9 in 1909, and 7 in 1908. One case occurred in Flixton, 3 in Davyhulme, and 3 in Clifton. The source of origin in these cases could not be definitely traced.

SMALL-POX.

No case has occurred. We have a contract with the Salford Corporation for removal to their hospital of any case which might arise.

CEREBRO-SPINAL FEVER AND ACUTE POLIOMYELITIS.

The above diseases have been added to the list of those compulsory notifiable in the district during the year, but no cases have been notified.

CASES REMOVED TO HOSPITAL.

Fifteen cases of infectious disease were removed to hospital and all recovered. Twelve Scarlet Fever, two Diphtheria, and one Enteric Fever.

METHOD OF DEALING WITH INFECTIOUS DISEASE.

Each case notified is visited at once; isolation is enjoined, either at home or by removal to Ladywell Sanatorium, and all children from the infected home are prevented from attending school until such time that a certificate of freedom of the house from infection is issued to the Schoolmaster.

Disinfection of wearing apparel, discharges, drains, and privies is carried out; and at the termination of the illness

the room and its contents are thoroughly fumigated with formaldehyde gas, such articles as require it being submitted to Lyon's superheated steam disinfecter, or destroyed and compensation granted.

Disinfectants, free of cost, are provided in each township. Careful inspection of the premises is always carried out, and defects, temporal or structural, are rectified.

A precautionary notice and a list of suggestions for preventing the spread of infectious diseases is delivered at the house when the case is visited.

All houses where cases are isolated at home are frequently visited until the termination of the illness.

If there is suspicion that an unrecognised case is attending a school, the school is visited and the scholars examined. This has not been necessary during the past year.

DIPHtheria ANTIToxin ORDER, 1910.

Arrangement was made for the supply of Antitoxin in the different parts of the district, free of cost, for use of those patients who are too poor to pay for it.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1908-1911.

Twenty cases of Tuberculosis have occurred during the year, and were notified as follows :—

| | |
|---|----|
| Occurring in private practice of medical practitioner | 14 |
| Under Hospital Regulations..... | 4 |
| „ Poor Law Regulations | 2 |

When a case comes under notice, numerous visits are made from time to time, and a card of instructions as to the best way of counteracting the disease is left at the house. Disinfectants are supplied free.

No arrangement exists with any special Sanatorium for the receipt of cases suffering from Pulmonary Tuberculosis.

The accommodation in the Union Workhouse for the receipt of Pulmonary Tuberculosis is 30 beds in 1 ward for males only. No special accommodation exists for females.

Suspicious cases are placed in side wards for observation.

SCHOOL CLOSURE.

School closure has not been necessary during the year.

MEDICAL INSPECTION OF SCHOOL CHILDREN.

This work is undertaken by the Lancashire County Education Authority.

MILK SUPPLY.

In company with the Sanitary Inspector, I have visited all the cowsheds and dairies in the district, and, as stated in the previous year's report, many of these are in an unsatisfactory condition. Some are deficient in light or ventilation, and a few are devoid of both these requirements. The more modern regulations under the Dairies, Cowsheds, and Milkshops' order, which came into operation on January 1st, 1913, will greatly assist in placing these buildings in a more sanitary state, and a thorough investigation of the condition of the cowsheds in the district is receiving attention by your Inspector and myself, with a view to enforcing the necessary alterations.

No action has been taken by my Council or any other Authority, acting under special powers, in causing dairy cows in the district to be examined by veterinary surgeons.

WATER SUPPLY.

The whole district, except a few scattered dwellings, is supplied by town's water, partly by Manchester, and partly by Bolton.

SEWERAGE AND DRAINAGE.

The more densely-populated parts of the Township of Davyhulme are provided with main sewers.

No. 2 Scheme for the sewerage of the southern portion of the district is under consideration, and it is necessary that this scheme should be carried out with all possible speed, so that the sewage from Chapel Place, etc., can be efficiently dealt with, and the area put in a more sanitary condition.

Flixton—the sewage from this township is treated at the works provided jointly with the Urmston Urban District Council.

The Clifton sewage is treated at the Clough Sewage Works and the United Brook Sewage Works, and from the present quality of sewage delivered at the Clough Sewage Works, good effluents are obtained.

EXCREMENT DISPOSAL.

In the Rural District there are 630 privy middens, 1,120 water closets, 100 pail closets, and 6 waste water closets.

During the year, 75 privies and 10 pail closets have been converted to water closets, and 5 privies converted to pail closets.

REMOVAL OF HOUSE REFUSE.

The removal of house refuse is carried out satisfactorily.

The work in Clifton and Davyhulme is let by contract. All bins and pail closets are emptied weekly, and the ashpits and privy middens at least four times a year.

In Flixton, the Council only contract for team labour, the ashpits, etc., are emptied by men directly employed by the Council. In this township there is also a weekly collection of bins and pails, whilst the ashpits are emptied not less than five times a year.

The privy middens are now emptied during the night time in Flixton and in a portion of Davyhulme.

The refuse is disposed of at Refuse Tips and at Farms.

In Barton Moss, where the occupiers are mostly farmers, the work is undertaken by themselves.

OFFENSIVE TRADES.

One additional works has been erected in Trafford Park under Section 112 of the Public Health Act, 1875.

SLAUGHTER-HOUSES.

The Slaughter-houses have been duly inspected and found satisfactory.

Although only five in number, the Slaughter-houses are so scattered that it is impossible to carry out a thorough inspection of the meat or carcasses before the organs are removed. They are visited as often as possible at the times of slaughtering.

No carcasses or parts of carcasses were found to be tuberculous or otherwise diseased.

NOTIFICATION OF BIRTHS ACT, 1907.

This Act has not been adopted.

HOUSING OF THE WORKING CLASSES ACTS, 1890-1909.

The following particulars show the work done in connection with the above Acts during the year :—

| | |
|--|----|
| No. of dwelling-houses inspected under Section 17 of the Act of 1909... | 32 |
| „ dwelling-houses considered unfit for human habitation | 2 |
| „ Representations to Authority with a view to making Closing Orders | 2 |
| „ Closing Orders made | 2 |
| „ dwelling-houses in which defects were remedied without making Closing Orders | 5 |
| „ dwelling-houses put into a fit state of habitation after making Closing Orders | 0 |
| „ dwelling-houses demolished | 2 |

The general character of defects found to exist were damp walls, insufficient and defective ventilation.

Notices were served under Section 15 of the Act of 1909, representing 14 houses. A number of these have been complied with, and the remainder are receiving attention.

SALE OF FOOD AND DRUGS ACT.

The number of samples purchased in the district during the year was 21, particulars of which are given below :—

| | |
|-----------------|-----------|
| Vinegar..... | 2 |
| Butter .. | 6 |
| Lard | 8 |
| Milk | 1 |
| Pepper | 3 |
| Coffee..... | 1 |
| Total... | 21 |

All were certified by the Analyst as genuine.

These samples were purchased by the County Police.

Although this number shows an increase on previous years, I am of the opinion that too few samples are taken, more especially in regard to the milk supply of the district. I should like to see more time spent in the work under these Acts, and would suggest that more samples of milk be obtained, considering that the character of the district is largely agricultural.

FACTORY AND WORKSHOPS ACT, 1901.

The sanitary condition of the workshops and workplaces has not called for any special action.

Section 22 of the Public Health Acts Amendment Act, 1890, is in force in the district, the standard for females being 1 to 20 employed; and for males, 1 to 30 employed.

There are no cases of overcrowding, many of the places on the register being of recent construction and satisfactory in condition.

No case of infectious disease has arisen in connection with any of the places on the register.

One hundred and sixteen visits of inspection were made during the year to factories and workshops.

Two breaches of sanitary requirements for bakehouses came under notice, and were remedied.

Only one of the bake-houses in the district is underground, and it is in order.

The Table supplied by the Secretary of State is appended, duly filled in.

D. W. DAVIDSON, M.B., Ch.B. (Glasgow),

Medical Officer of Health.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS
OF NUISANCES.

| PREMISES | Number of | | |
|---------------------|-------------|-----------------|--------------|
| | Inspections | Written Notices | Prosecutions |
| Factories | 53 | ... | ... |
| Workshops | 63 | 3 | ... |
| Workplaces | ... | ... | ... |
| TOTAL | 116 | 3 | ... |

2.—DEFECTS FOUND.

| PARTICULARS | Number of Defects | | | Number of Prosecutions |
|--|--------------------------------|----------|----------------------------|------------------------|
| | Found | Remedied | Referred to H.M. Inspector | |
| <i>Nuisances under the Public Health Acts :—</i> | | | | |
| Want of cleanliness | ... | ... | ... | ... |
| Want of ventilation | ... | ... | ... | ... |
| Overcrowding | ... | ... | ... | ... |
| Want of drainage of floors | ... | ... | ... | ... |
| Other nuisances | 1 | 1 | ... | ... |
| Sanitary accommodation { | insufficient | ... | ... | ... |
| | unsuitable or defective | ... | ... | ... |
| | not separate for sexes | ... | ... | ... |
| <i>Offences under the Factory and Workshop Act :—</i> | | | | |
| Illegal occupation of underground Bakehouse (s. 101) | ... | ... | ... | ... |
| Breach of special sanitary requirements for Bakerhouses (ss. 97 to 100) | 2 | 2 | ... | ... |
| Other offences | 4 | 4 | ... | ... |
| TOTAL | 7 | 7 | ... | ... |

3.—HOME WORK.

Number of addresses of Outworkers—

| | |
|--|---|
| Lists received from Employers (sending twice in the year) | 2 |
| Outworkers (Workmen) | 2 |
| Number of inspections of Outworkers' Premises | 4 |

4.—REGISTERED WORKSHOPS.

Number

Workshops on the Register (s. 131) at the end of the year—

| | |
|---|----|
| Bakehouses | 5 |
| Laundries | 2 |
| Tailors and Dressmakers | 4 |
| Hamper Makers | 2 |
| Joiners and Wheelwrights | 4 |
| Smithy | 1 |
| Petroleum-Barrelling Works | 6 |
| Boot Repairing and Clog Making | 5 |
| Other Workshops | 4 |
| | — |
| Total number of Workshops on Register ... | 33 |

5.—OTHER MATTERS.

Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) :—

| | |
|--|---|
| Notified by H.M. Inspector | — |
| Reports (of action taken) sent to H.M. Inspector ... | — |

Underground Bakehouses (s. 101)—

| | |
|--------------------------------------|---|
| In use at the end of the year | 1 |
|--------------------------------------|---|

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1912 AND PREVIOUS YEARS.
BARTON-UPON-IRWELL RURAL DISTRICT.

| YEAR | Popu- lation estimated to Middle of each Year | BIRTHS | | | TOTAL DEATHS REGISTERED IN THE DISTRICT. | | TRANSFERABLE DEATHS | | NETT DEATHS BELONGING TO THE DISTRICT. | | | |
|------|--|----------------------------|--------|------|--|------|--|---|---|-----------------------------|-------------|------|
| | | Un- corrected Number | Nett | | Number | Rate | Deaths of Non- residents registered in the District | Deaths of Residents not registered in the District | Under 1 Year of Age | | At all Ages | |
| | | | Number | Rate | | | | | Number | Rate per 1,000 Births | Number | Rate |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1907 | 8750 | 241 | 241 | 27 | 115 | 13 | ... | 12 | 20 | 82 | 127 | 14.6 |
| 1908 | 8865 | 189 | 189 | 21 | 126 | 14 | 3 | 5 | 19 | 100 | 128 | 14 |
| 1909 | 8980 | 234 | 234 | 26 | 103 | 11 | 3 | 13 | 20 | 85 | 113 | 12.5 |
| 1910 | 9100 | 214 | 214 | 23 | 88 | 9 | 6 | 19 | 22 | 102 | 101 | 11 |
| 1911 | 9225 | 208 | 211 | 22.7 | 118 | 12.7 | 5 | 15 | 20 | 94 | 128 | 13.8 |
| 1912 | 9338 | 200 | 202 | 21.7 | 101 | 10.9 | 10 | 21 | 6 | 29.7 | 112 | 11.9 |

Area of District in acres (exclusive of area covered by water) } 6,865
 Total population at all ages } 9,225
 Number of Inhabited Houses } 2,154
 Average number of persons per house ... } 4.28
 At Census of 1911.

TABLE II.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1912.
BARTON-UPON-IRWELL RURAL DISTRICT.

| NOTIFIABLE DISEASES | NUMBER OF CASES NOTIFIED | | | | | | | TOTAL CASES NOTIFIED IN EACH LOCALITY | | | | TOTAL CASES REMOVED TO HOSPITAL |
|---------------------------|--------------------------|----------------|--------|---------|----------|----------|----------|---------------------------------------|-----------|---------|---------|---------------------------------|
| | At all Ages | At Ages—Years. | | | | | | Barton Moss | Davyhulme | Flinton | Clifton | |
| | | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | | | | | |
| Small-pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria | ... | ... | 3 | 1 | ... | ... | ... | ... | 3 | 1 | 3 | 2 |
| Membranous croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Erysipelas | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | 3 | ... | ... |
| Scarlet fever | ... | 2 | 3 | 23 | ... | 1 | ... | ... | 4 | 24 | 4 | 12 |
| Typhus fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric fever | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | 1 |
| Relapsing fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal fever | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... |
| Cerebro-spinal Meningitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Polio-myelitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pulmonary | ... | ... | ... | ... | ... | 1 | 1 | ... | 1 | 1 | ... | ... |
| Tuberculosis | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | 2 | 2 | ... |
| Medical Practitioner | 14 | ... | ... | ... | 1 | 7 | 6 | ... | ... | 7 | 6 | ... |
| Ophthalmia Neonatorum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Totals | 64 | 2 | 6 | 27 | 6 | 14 | 8 | 1 | 1 | 38 | 17 | 15 |

Isolation Hospital—Name and Situation : { By arrangement with Salford Corporation at Ladywell Sanatorium and their Smallpox Hospital. Total available Beds 5, and 2 for Smallpox.

Number of Diseases that can be concurrently treated :—All Notifiable Infectious Diseases.

TABLE III.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1912.
BARTON-UPON-IRWELL RURAL DISTRICT.

| CAUSES OF DEATH | | Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District | | | | | | | | | |
|---|--------------------------|--|----------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|----------------------------|------------------------------|--|
| All Causes | Certified Uncertified | All ages 2 2 | Under 1 year 8 | 1 and under 2 4 | 2 and under 5 5 | 5 and under 15 6 | 15 and under 25 7 | 25 and under 45 8 | 45 and under 65 9 | 65 and up- wards 10 | |
| | | 111 1 | 6 .. | 4 .. | 1 .. | 3 .. | 6 .. | 21 1 | 19 .. | 51 .. | |
| Enteric Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Small-pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Measles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Scarlet fever... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Whooping-cough | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | |
| Diphtheria and Croup | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | |
| Influenza | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | |
| Erysipelas | .. | .. | .. | .. | .. | .. | .. | 5 | 1 | .. | |
| Phthisis (Pulmonary Tuberculosis) | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tuberculous Meningitis | .. | 2 | .. | 1 | 1 | .. | 1 | .. | 1 | .. | |
| Other tuberculous diseases... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Cancer, malignant disease... | .. | 8 | .. | .. | .. | .. | 1 | .. | 4 | 4 | |
| Rheumatic Fever | .. | 2 | .. | .. | .. | .. | 1 | 1 | .. | .. | |
| Organic Heart Disease | .. | 11 | 1 | .. | .. | .. | .. | 3 | 2 | 5 | |
| Bronchitis | .. | 8 | 1 | .. | .. | .. | .. | .. | .. | 7 | |
| Pneumonia (all forms) | .. | 10 | 1 | 2 | .. | 1 | 1 | 2 | 1 | 2 | |
| Other diseases of Respiratory organs | .. | 2 | 1 | .. | .. | .. | .. | .. | 1 | .. | |
| Diarrhoea and Enteritis | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | |
| Appendicitis and Typhlitis | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | |
| Cirrhosis of Liver | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Alcoholism | .. | 2 | .. | .. | .. | .. | .. | 1 | .. | 1 | |
| Nephritis and Bright's Disease | .. | 7 | .. | .. | .. | 1 | 1 | 1 | 1 | 3 | |
| Puerperal Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Other accidents and diseases of Pregnancy and Parturition | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Congenital Debility and Malformation, including Premature Birth | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | |
| Violent Deaths, excluding Suicidal | .. | 5 | .. | .. | .. | .. | 1 | 3 | 1 | .. | |
| Suicides | .. | 4 | .. | .. | .. | .. | .. | 1 | 2 | 1 | |
| Other defined diseases | .. | 36 | .. | .. | .. | 1 | .. | 3 | 6 | 26 | |
| Diseases ill-defined or unknown | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| All causes | .. | 112 | 6 | 4 | 1 | 3 | 6 | 22 | 19 | 51 | |
| Sub-Entries included in above figures : Pneumonia | .. | 3 | .. | 1 | .. | 1 | .. | .. | .. | 1 | |

Infantile Mortality during the Year 1912.

Nett Deaths from stated Causes at various Ages under One Year of Age.

| CAUSE OF DEATH | Under 1 Wk | 1-2 Wks | 2-3 Wks | 3-4 Wks | Total under 1 Month | 1-3 Mths | 3-6 Mths | 6-9 Mths | 9-12 Mths | Total under 1 Year |
|---|---------------|------------|------------|------------|---------------------------|-------------|-------------|-------------|--------------|--------------------------|
| | | | | | | | | | | |
| All Causes { Certified Uncertified | 1 | .. | .. | .. | 1 | 2 | 1 | 1 | 1 | 6 |
| Small-pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chicken-pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scarlet Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whooping Cough | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria and Croup | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Erysipelas | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tuberculous Meningitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Abdominal Tuberculosis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Other Tuberculous Diseases | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meningitis (<i>not Tuberculous</i>) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Convulsions | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Laryngitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bronchitis | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Pneumonia (all forms) | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Diarrhoea | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Enteritis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gastritis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Syphilis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rickets | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Suffocation, overlying | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Injury at Birth | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Atelectasis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Congenital Malformations | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Premature Birth | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Atrophy, Debility and Marasmus | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Other Causes | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1 | .. | .. | .. | 1 | 2 | 1 | 1 | 1 | 6 |

Nett Births in the year—Legitimate, 198; Illegitimate, 4. Nett Deaths in the year of Legitimate Infants, 6; Illegitimate Infants, none.

Summary of Medical Officer's Report for 1912.

What is the character of the Hospital accommodation : For Small-pox, by Contract with Salford Corporation at their Drinkwater Hospital ; for other Infectious Diseases, by Contract with Salford Corporation at Ladywell Sanatorium.

Number of Beds available for your District : For Small-pox, 2 ; for other Infectious Diseases, 5.

Number of cases removed to Hospital from your District : Small-pox, Nil ; Diphtheria, 2 ; Scarlet Fever, 12 ; Enteric Fever, 1 ; Total, 15.

Deaths in Hospital of patients from your District : Nil.

How is Disinfection carried out—

Houses, Formaldehyde Gas : Number of Houses disinfected, 39.

Apparatus used for Clothing, Bedding, etc. (steam or otherwise) : Lyon's Superheated Steam.

Where is Apparatus situated : Mode Wheel Disinfecting Station, Salford.

If Apparatus at a Hospital is available is it used for the disinfection of Clothing, Bedding, &c., of Patients *not* removed to the Hospital?—Yes.

Number of cases of Infectious Disease reported under the Notification Act, 44.

Are any Diseases not specifically mentioned in the Act notifiable (for instance, Measles, Whooping Cough, Diarrhoea, Chicken-pox, Ophthalmia Neonatorum, etc.) ? If so, what are they?—Ophthalmia Neonatorum, Cerebro Spinal Fever, Acute Poliomyelitis.

Diseases specially prevalent : Nil.

Any Schools closed : No.

Number of Special Reports made under Art. 19 (15 and 16) Sanitary Officer's Order, 1910 : Nil.

Bacteriological Examinations. Number and nature of specimens examined : 3 ; 1 for Tuberculosis, 2 for Diphtheria, all negative results.

Has any arrangement been made under the Diphtheria Anti-toxin Order, 1910?—Yes. Anti-toxin supplied free to poor patients.

“The Housing of the Working Classes Acts, 1890 to 1909”—

Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article 1 of the Regulations? No, the houses were known.

Has your Authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Article 2. If so, what officer?—Sanitary Inspector, under Medical Officer of Health.

Have the necessary books, forms, etc., for keeping the required records been obtained?—Yes.

Action taken in 1912 :—

| | |
|---|----|
| Number of Dwelling-houses inspected | 32 |
| „ Dwelling-houses considered unfit for human habitation | 2 |
| „ Representations to Authority with a view to making Closing Orders | 2 |
| „ Closing Orders made | 2 |
| „ Dwelling-houses in which defects were remedied without making Closing Orders | 5 |
| „ Dwelling-houses demolished..... | 2 |
| General character of defects found to exist: Dilapidations, damp walls, and insufficient ventilation. | |

From where is the Water Supply obtained?—Town's Water, Manchester, and Bolton. What is its condition?—Good. Is it subject to your inspection?—Yes.

Is Scavenging and Removal of House Refuse carried out satisfactorily?—Yes. How performed (by Sanitary Authority, Contract, or Occupiers of houses)?—By Sanitary Authority in Flixton (Contract for team labour only), by Contract in Clifton and Davyhulme, and by Occupiers in Barton Moss.

How is the Refuse disposed of?—At Refuse Tips and Farms. Has a Destructor been provided?—No.

Sewage Disposal Works—Method of Treatment: Clifton (Coppice Clough Works and Unity Brook Works), Detritus Tanks and Continuous Filters. Davyhulme, Screening Chambers and Continuous Filters. Flixton Sewage is treated at the works provided jointly with the Urmston Urban District Council. What is the character of the Drainage?—Good in most parts of the District. Drain Testing, Flushing, &c.?—Water test applied to all new drains; flushing chambers provided for sewers in Davyhulme.

Action taken with regard to the Pollution of Streams: Nil.

Canal Boats: Number inspected.—Nil.

What is the condition of the Bakehouses?—Good.

What is the condition of the Slaughter Houses?—Satisfactory. Has a Public Abattoir been provided?—No.

What is the condition of the Lodging Houses?—Nil.

What is the Sanitary condition of the Schools?—Satisfactory.

Dairies, Cowsheds, and Milkshops—

Are they periodically inspected?—Yes. What is their condition?—A number not satisfactory.

Have Regulations been made under the order of the L.G.B.?—Yes. New Regulations have been adopted, and came into force on January 1st, 1913.

Are they enforced? Yes.

Amount of air space in cubic feet required for each cow: 600 where cows are habitually grazed; 800 where not so grazed.

Number of Cowkeepers, 31. Number on Register, 31.

Number of Dairymen or Purveyors of Milk (other than Cowkeepers), 17. Number on Register, 17.

Total amount of Food seized as unfit for human consumption ?—Nil. Number of Carcasses and parts of Carcasses condemned for Tuberculosis ?—Nil. Number of legal proceedings and result ?—Nil.

Department of Inspector of Nuisances.—Number of Notices served : 89. Nuisances remedied, 500. Number of legal proceedings taken and result ?—Nil.

Closet accommodation of the District.—Number of Privy Middens, 630 ; Pail Closets, 100 ; Fresh Water Closets, 1,120 ; Waste Water Closets, 6. Number of Privy Middens converted during 1912 to Water Closets, 75 ; to Pails, etc., 5. Number of Pail Closets converted to Water Closets, 10. Does Council contribute towards the cost of conversion of either privies or pail closets, or both ? If so, how much ?—No.

Smoke.—Number of observations ?—Eleven. Number of Legal Proceedings taken and result, Nil. What is the time limit allowed for the emission of black smoke per hour ?—No definite time fixed.

Has the Authority adopted—

The Infectious Disease (Prevention) Act, 1890 ?—Yes.

The Public Health Acts Amendment Act, 1890 ?—Yes.

The Public Health Acts Amendment Act, 1907 ?—No.

The Notification of Births Act, 1907 ?—No.

Has a Health Visitor been appointed ?—No.

Notable Sanitary Improvements during 1912.—A large number of houses in Davyhulme and Flixton re-drained and connected with the new sewers.

Chief Sanitary requirements of District.—No. 2 Sewerage Scheme, Davyhulme.

SURVEYOR'S REPORT.

SURVEYOR'S OFFICE,

PATRICROFT,

January 31st, 1913.

*To the Chairman and Members of the
Rural District Council of Barton-upon-Irwell.*

GENTLEMEN,

I beg to report as follows upon the works executed in your District during the past year, 1912.

FLIXTON PAROCHIAL COMMITTEE.

SAML. WORTHINGTON WRIGHT, Esq., Chairman.

BYE-LAW PLANS.

Plans have been laid before the Committee and approved for the following :—

36 Houses; 2 Outbuildings and other Buildings.

The following Table gives the number of houses erected during the last ten years :—

| 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
|------|------|------|------|------|------|------|------|------|------|
| 15 | 6 | 79 | 63 | 24 | 19 | 26 | 21 | 32 | 23 |

HIGHWAYS.

The Parochial Committee has under its charge 6 miles, 3 furlongs, and 152 yards of highways, comprising 4 miles, 3 furlongs, and 100 yards of secondary roads, *i.e.*, roads towards which the County Council makes a grant in aid; and 2 miles,

0 furlongs and 52 yards of Other Roads, which are maintained wholly at the cost of the Parochial Committee.

The roads are as follows :—

| Roads | County Council Reference No. | Grant | Name of Road | Length | | |
|------------------|------------------------------------|----------|--|--------|----------|-------|
| | | | | Miles | Furlongs | Yards |
| Secondary Roads | 350 | £ 100 | Irlam | 2 | 4 | 112 |
| | | | Church | | | |
| | | | Flixton | | | |
| | 351 | 24 | Woodsend | ... | 6 | 99 |
| | 352 | 46 | Flixton | ... | 6 | 44 |
| | 361 | 20 | Carrington Road | ... | 2 | 65 |
| | | | | 4 | 3 | 100 |
| Other Roads..... | | | Goldsworthy Road ... | ... | ... | 177 |
| | | | Whitelake Avenue ... | ... | ... | 290 |
| | | | Moorside Road | ... | 1 | 176 |
| | | | Western „ | ... | 1 | 88 |
| | | | Brook „ | ... | 1 | 198 |
| | | | Chassen „ | ... | 3 | 198 |
| | | | Lime Avenue .. | ... | ... | 188 |
| | | | The Hollies | ... | ... | 72 |
| | | | Back Streets | ... | 1 | 11 |
| | | | Princess Road | ... | 1 | 124 |
| | | | Back Barton Avenue, North and South ... | ... | ... | 77 |
| | | | Alderley Road | ... | ... | 213 |
| | | | | 2 | 0 | 52 |

The following works upon highways have been carried out during 1912:—

CHURCH ROAD (Part of Secondary Road, No. 350).

A length of 400 lineal yards of roadway, from Chassen Road towards Flixton Church, has been coated with macadam and steam rolled, at a cost of £97 17s. 0d.

The approach to Flixton Church has been paved with Groby granite random setts, grouted with pitch, at a cost of

£88 4s 7d., towards which Messrs. Groves & Whitnall, the owners of the Church Inn, have paid a contribution of £30.

The repairs to macadam over the sewers constructed in this road and Carrington Road have been executed, and the cost, £171, charged to the Urmston and Flixton Joint Drainage Committee.

FLIXTON ROAD (Secondary Road, No. 352).

A length of 300 yards of the roadway, from the Urmston boundary towards Flixton, has been coated with macadam and steam rolled, at a cost of £72 11s. 0d.

Between Brook Road and the Smithy eight crossings have been paved with cube and grit setts, and the back of concrete flagging, made out with limestone asphalte, at a cost of £20 10s. 0d.

The concrete flagging of the path on north side of Flixton Road, from Brook Road to the Smithy, has been completed by Mr. Jno. McRæ, at a cost of £113 8s. 3d.

MOORSIDE ROAD (Other Roads).

The channels from Woodsend Road to the Davyhulme boundary have been repaired, and the roadway coated with macadam and steam rolled, at a cost of £120 16s. 0d.

A length of 550 yards of roadway in Davyhulme, towards Brook Road, has been coated with macadam and steam rolled; one-third the cost of which, £58 8s. 0d., is your proportion.

WOODSEND ROAD (Part of Secondary Road, No. 351).

In this road 800 lineal yards of new, 12in. by 7in., kerb has been laid on both sides of the road, and about 500 yards of channel, 18in. wide, have been paved.

This work was decided upon at your meeting in May last, when an offer by the County Highways Committee to make a

grant of £270 towards the total estimated cost of £820, was accepted.

The work is expected to be completed early in the next financial year.

PRIVATE STREET WORKS.

The costs of the Private Street Works, executed during 1911, have been apportioned upon the frontages, and the majority of the owners have paid their accounts.

One objection to the apportionment of the costs in Albert Grove has been made by Mr. W. H. M. Ward, an owner in that road, and the Local Government Board has expressed its intention to hold an Inquiry into this objection at an early date.

DAVYHULME PAROCHIAL COMMITTEE.

J. C. RATCLIFFE, Esq., Chairman.

During the past year Bye-law Plans for the following have been laid before and approved by the Committee:—

Dwelling Houses
7

Works and sundry Buildings
18

The following Table gives the number of houses erected in Davyhulme during the past ten years:—

| 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
|------|------|------|------|------|------|------|------|------|------|
| 17 | 22 | 8 | 0 | 0 | 3 | 4 | 2 | 6 | 0 |

No Private Street Improvements have been executed during the year.

HIGHWAYS.

The Committee has under its charge 5 miles 1 furlong and 56 yards of highways, made up of Secondary Roads receiving a

grant from the County Council in aid, and other roads, the cost of which is wholly borne by the Committee, as follows:—

| Roads | County Council Reference No. | Grant | Name of Road | Length | | |
|-----------------|------------------------------------|-------|-------------------------|--------|----------|-------|
| | | | | Miles | Furlongs | Yards |
| Secondary Roads | { | 351 | 42 Davyhulme Road ... | 1 | 3 | 7 |
| | | 351 | 12 Crofts Bank Road ... | ... | 3 | 30 |
| | | 349 | 18 Moss Road | ... | 2 | 109 |
| | | | | 2 | 0 | 146 |
| Other Roads | { | | Redclyffe Road | ... | 5 | 130 |
| | | | Bent Lanes | 1 | 1 | ... |
| | | | Moorside Road | 1 | 2 | ... |
| | | | | 3 | .. | 130 |

The following works have been carried out on the highways during the past year :—

DAVYHULME ROAD (Part of Secondary Road, No. 351).

Two hundred and twenty lineal yards of 9 inch diameter surface Water Sewer, with branch drains and trapped gullies, have been laid from the Old Lodge to the entrance to Davyhulme House, at a cost of £59 18s. 0d.

From the Old Lodge to Bent Lanes, a length of 700 yards of roadway, has been coated with macadam and steam rolled, at a cost of £194 4s. 0d

CROFTS BANK ROAD (Part of Secondary Road, No. 351).

A length of 250 yards of sett channel, 18 inches wide, has been paved, and 400 lineal yards of the roadway have

been coated with macadam and steam rolled, at a cost of £142 13s. 8d.

MOORSIDE ROAD (Other Roads).

In this road 550 lineal yards, from the Flixton boundary towards Brook Road, have been covered with macadam and steam rolled, Davyhulme's share, two-thirds, being £116 8s. 0d.

The repairs due to the recent sewerage operations have almost completely been made good. Some parts of Moorside Road, from Gilbody's Barn to the White House, yet remaining to be made good by the contractors.

DAVYHULME MAIN DRAINAGE.

The Contractors, Messrs. W. Snape & Sons, completed the laying of the Sewers at the end of January, 1912, and then proceeded to make good certain defects in the Manholes and Sewers, which were in hand to the end of February or beginning of March, and also have attended intermittently to the making good of other minor defects which have appeared from time to time.

The Manchester Corporation Rivers Committee have objected to the slight infiltration of subsoil matter into the sewers, which has varied from 19,340 to 8,812 gallons per twenty-four hours, the average being 14,076, including sewage from properties which have been from time to time connected to the sewers.

This matter of subsoil water is still the subject of discussion between the Parochial Committee and the Manchester Corporation Rivers Committee, but it is hoped that a settlement of the question will shortly be arrived at.

The Ejector Pumping Plant has been completed at point E within the Davyhulme Sewage Works, and the pumping and

treatment of the sewage can be commenced when the above matter is settled.

NO. 2 SCHEME.—DAVYHULME MAIN DRAINAGE.

At your February and March meetings I reported on the sewers necessary for the drainage of Redclyffe Road and Chapel Place, and submitted estimates amounting to £2,546 9s. 3d. for these.

Negotiations are also proceeding with the Trustees of the De Trafford Estates for the land necessary to widen Redclyffe Road to 14 yards, for which a total area will be required from them of 5,505 superficial yards.

An agreement for the taking of land for the widening of Davyhulme Road, near the end of Prinrose Avenue, has been concluded with Mr. Robt. Bennett, the land taken having an area of 204 super yards, and the cost was £40 16s. 0d., with an allowance of 1s. 6d. per lineal yard for setting back the fence, £7 4s. 0d., the total cost being £48 0s. 0d.

An agreement is also pending for the taking of 780 superficial yards of land in Cornhill Road for the widening of that road, near Mr. Smith's new house.

Your Committee is also contemplating the crection of New Stores, Office, Mortuary, and Cart Sheds adjoining the present depot at Crofts Bank, and land for the purpose is being obtained from the De Trafford Trustees on lease for twenty years.

CLIFTON.

You have one Secondary Road (No. 326), Rake Lane, for which you receive a grant in aid of £40 from the County Council.

The length of this road is 1 mile 0 furlongs and 136 yards.

The following is a list of the other roads and highways which are maintained by you :—

| | Fur. | Yds. |
|---|----------|---------------------|
| Billy Lane | 1 | 80 |
| Vickers Street | 0 | 158½ |
| Berry Street | 0 | 102½ |
| Richmond Street | 0 | 45 |
| Holt Street | 0 | 44 |
| Back Richmond Street | 0 | 24 |
| Back Manchester Road, South | 0 | 113 |
| Back Manchester Road | 0 | 45 |
| Lomax Street | 0 | 110 |
| Back Berry Street | 0 | 45 |
| Gaskell Street | 0 | 66½ |
| Back Vickers Street | 0 | 100 |
| Rose Hill Street | 0 | 108⅔ |
| Side Street A | 0 | 20 |
| Back Passage off Holt Street | 0 | 17 |
| Wroe Street | 0 | 110⅔ |
| Lomas Street, off Wroe Street | 0 | 27 |
| Back Manchester Road, off Wroe Street | 0 | 30 |
| Back Manchester Road, off Wroe Street | 0 | 27 |
| Cotton Street | 0 | 56 |
| Fitton Street | 0 | 88½ |
| Battery Street | 0 | 108 |
| Back Fitton Street, South | 0 | 37½ |
| Clough Street | 0 | 65 |
| Back Fitton Street, North | 0 | 33⅓ |
| Back Cotton Street | 0 | 38 |
| Back Manchester Road, North | 1 | 72⅓ |
| Side Street No. 1 | 0 | 89 |
| Side Street No. 2 | 0 | 29 |
| Thomas Street | 0 | 29 |
| Side Street No. 4 | 0 | 29 |
| Side Street No. 5 | 0 | 29 |
| Back New Rake Lane | 0 | 10 |
| Miles | <u>2</u> | <u>5</u> <u>120</u> |

Plans for 20 cottages and 2 other buildings have been approved by you during the year.

The following Table gives the number of houses erected in Clifton during the last ten years :—

| 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 |
|------|------|------|------|------|------|------|------|------|------|
| 0 | 4 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 2 |

COPPICE CLOUGH SEWAGE WORKS.

During the past year the effluents from this works have been satisfactory, and the analyses were as follows:—

March 5th, 1912.. Oxygen absorbed. ... 0·19 grains per gallon
(3rd on list of 42 towns).

August 1st, 1912..... Oxygen absorbed..... 0·35 grains per gallon
(15th on list of 87 towns).

December 4th, 1912 ... Oxygen absorbed..... 0·15 grains per gallon
(2nd on a list of 60 towns).

The negotiations as to the land necessary for the proposed new works have been proceeded with, and the application to the Local Government Board for the necessary loan for the works has been made.

A local Inquiry will be held upon this at an early date.

UNITY BROOK SEWAGE WORKS.

The results from these works have been generally satisfactory, although a sample taken on December 4th last is unsatisfactory.

The analyses were as follows:—

August 1st, 1912 Oxygen absorbed..... 0·45 grains per gallon
(26th on a list of 87 towns).

December 4th, 1912 .. Oxygen absorbed 2·83 grains per gallon
(55th on a list of 60 towns).

Aluminoferrie Cake is used regularly at both the above works.

MAIN SEWERS.

The lengths of your Sewers are as follows:—

| | M. | F. | YDS. |
|------------------------------|----|----|------|
| Main Trunk Sewers | 1 | 3 | 96 |
| New intercepting Sewer | 0 | 1 | 180 |
| Tributary Sewers | 1 | 3 | 187 |
| Total | 3 | 1 | 23 |

The Main Sewers are cleansed and flushed weekly.

The Highways and Sewers are in good condition, buildings and drains in progress are inspected and tested, the sewage outfall works are kept in order, and the general routine work of my department has been attended to.

I am, Gentlemen,

Your obedient Servant,

A. H. MOUNTAIN,

Assoc. M. Inst. C.E.,

Surveyor.

SANITARY INSPECTOR'S REPORT.

INSPECTOR'S OFFICE, PATRICROFT,

February, 1913.

*To the Chairman and Members of the Barton-upon-Irwell
Rural District Council.*

GENTLEMEN,

I beg to submit my First Annual Report as Sanitary Inspector of your Rural District for the year 1912.

A summary of the work done is shown in the following Table, so far as it is possible to put the same in tabular form.

The work has been carried out on much the same lines as in previous years, and I am pleased to say it has not been necessary to resort to legal proceedings in any of the various matters dealt with.

TABLE I.

| | Barton Moss | Clifton | Davy- hulme | Flixton | Total |
|--------------------------------------|----------------|---------|----------------|---------|-------|
| I.—COMPLAINTS RECEIVED..... | ... | 2 | 2 | 8 | 12 |
| II.—INSPECTIONS MADE— | | | | | |
| Dwelling Houses | ... | 27 | 24 | 97 | 148 |
| Schools | ... | ... | 1 | 3 | 4 |
| Yards | ... | 126 | 56 | 71 | 253 |
| Privies and Ashpits..... | ... | 45 | 13 | 48 | 106 |
| Drainage..... | ... | 11 | 180 | 98 | 289 |
| Water Courses | ... | ... | 17 | ... | 17 |
| Dairies, Cowsheds, and Milkshops ... | 11 | 20 | 19 | 22 | 72 |
| Factories | ... | 2 | 50 | 1 | 53 |
| Workshops | ... | 11 | 25 | 27 | 63 |
| Outworkers' Premises | ... | ... | 1 | 3 | 4 |
| Slaughterhouses | ... | 37 | ... | 54 | 91 |
| Refuse Tips | ... | 4 | 3 | 37 | 44 |
| Miscellaneous | 4 | 38 | 40 | 70 | 152 |

TABLE I.—(Continued).

| | Barton Moss | Clifton | Day- hulme | Flixton | Total |
|---|----------------|---------|---------------|---------|-------|
| III.—INFECTIOUS DISEASES— | | | | | |
| No. of Cases Inquired Into | 1 | 17 | 8 | 38 | 64 |
| „ „ Removed to Hospital ... | ... | 1 | 3 | 11 | 15 |
| Revisits to Cases Isolated at Home... | ... | 10 | 4 | 8 | 22 |
| No. of Houses Disinfected | ... | 8 | 7 | 24 | 39 |
| IV.—PRIVIES, WATER CLOSETS, &c.— | | | | | |
| Privies Repaired | ... | 38 | ... | ... | 38 |
| Privies Converted to W.C.'s | ... | 18 | 10 | 57 | 85 |
| „ „ Pail Closets | ... | 1 | 1 | 3 | 5 |
| Additional W.C.'s Provided | ... | ... | 3 | ... | 3 |
| Privy Middens abolished | ... | 4 | 13 | 36 | 53 |
| Dry Ashpits Abolished | ... | ... | ... | 2 | 2 |
| New or Additional Dustbins Provided .. | ... | 7 | 22 | 73 | 102 |
| V.—MISCELLANEOUS— | | | | | |
| Water Courses Cleansed..... | ... | ... | 1 | ... | 1 |
| Overcrowding Abated..... | ... | 1 | ... | 2 | 3 |
| Houses Repaired after Notice | ... | 3 | 1 | 4 | 8 |
| „ „ Cleansed | ... | 1 | 1 | 7 | 9 |
| „ „ Closed | ... | 1 | ... | 1 | 2 |
| „ „ Demolished | ... | 1 | ... | 1 | 2 |
| House Drains Connected with Sewer .. | ... | ... | 61 | 15 | 76 |
| „ „ Repaired or Reconstructed .. | ... | 9 | 69 | 23 | 101 |
| Water Test applied to New Drains... | ... | 2 | 45 | 19 | 66 |
| Yard Surfaces Paved or Repaired ... | ... | 4 | 8 | 17 | 29 |
| Sewers Flushed and Cleansed | ... | ... | ... | 2 | 2 |
| Factories emitting Offensive Effluvia .. | ... | ... | 1 | ... | 1 |
| Dairies and Cowsheds Cleansed and Limewashed | ... | 3 | 1 | 4 | 8 |
| Cowsheds Overcrowded: Number Reduced | ... | ... | 1 | ... | 1 |
| Workshops Cleansed and Limewashed .. | ... | 3 | 1 | 2 | 6 |
| Accumulations Removed | ... | 1 | ... | 1 | 2 |
| Notices Served (Informal) | ... | 13 | 14 | 26 | 53 |
| „ „ (Statutory) | ... | 6 | 6 | 24 | 36 |

CLIFTON.

The collection and disposal of domestic refuse in this part of your district is carried out under contract, and the work continues to be done in a satisfactory manner.

The dustbins and pail closets are emptied weekly, and the privies and ashpits at least four times a year: 18 water closets

have been substituted for privies or pail closets, and 38 privies have been repaired or reconstructed.

DAVYHULME.

The removal and disposal of domestic refuse in this district is also carried out under contract, and in a satisfactory manner ; very few complaints have been received in connection therewith.

The dustbins and pail closets are emptied weekly, and the privies and ashpits not less than four times a year ; 10 water closets and 20 dustbins have been substituted for privies and middens, and 3 additional water closets have been provided during the year. The weekly collection of bins is increasing, and the additional works erected in Trafford Park has greatly increased the weekly emptying of pail closets in this portion of the district. A proper system of drainage connected with the new sewers has been provided for 61 houses. There are still a large number of house drains discharging into cesspools, but the work of re-draining and connecting with the sewer is proceeding at a fair rate, and I venture to say that before very long the whole of the property in the sewered portion of the district will be provided with a good system of drainage.

The water test is now applied to all new drains.

An additional works has been erected in Trafford Park under Section 112 of the Public Health Act, 1875. There are now three works in the district which come under this section. No complaints have been received in connection with any of these works during the year.

FLIXTON.

The collection and disposal of domestic refuse in this Township is carried out under contract for Team Labour, the manual work being done by men directly employed by the

Council. The dustbins, privies and ashpits are emptied very regularly, as evidenced by the number of complaints received, as shown in the following Table :—

TABLE II.

| Month. | Number of Applications to empty ashpits. | | | |
|-----------------|--|------|------|------|
| | 1909 | 1910 | 1911 | 1912 |
| January | 18 | 25 | Nil | 3 |
| February | 17 | 20 | 1 | Nil |
| March | 16 | 28 | 2 | Nil |
| April..... | 24 | 10 | Nil | Nil |
| May | 27 | 2 | 4 | 1 |
| June | 13 | 2 | Nil | Nil |
| July | 30 | Nil | 4 | Nil |
| August..... | 19 | 1 | 1 | Nil |
| September | 16 | 1 | 2 | Nil |
| October | 15 | 1 | 3 | Nil |
| November | 11 | Nil | 1 | Nil |
| December | 15 | Nil | 1 | Nil |
| Total..... | 222 | 90 | 19 | 4 |

Since the completion of the sewerage of the district, 15 house drains have been connected with the sewer. The drains from these houses previously discharged into cesspools or water-courses.

The water-test is applied to all new drains.

Fifty-seven water-closets and the same number of dustbins have been substituted for privies and middens.

SLAUGHTER-HOUSES.

No additional licenses have been granted. There are five licensed in the district, three in Flixton, two in Clifton. Ninety-one visits have been paid to these premises. They are

kept in a fairly good condition. No diseased or unsound meat has been found.

DAIRIES AND COWSHEDS.

The number of names on the register as Cowkeepers or Purveyors of Milk are:—

| Barton Moss. | Clifton. | Davyhulme. | Flixton. | Purveyors of Milk from other Districts. | Total. |
|--------------|----------|------------|----------|--|--------|
| 5 | 11 | 7 | 14 | 11 | 48 |

Seventy-two visits have been paid to these premises. In several instances it was found necessary to draw the occupier's attention to the want of lime-washing and cleansing. A number of cowsheds are not in a satisfactory state. The more modern regulations adopted by the Council, which came into force on January 1st, 1913, will greatly assist in requiring these to be put in a much better condition.

INFECTIOUS DISEASES.

The number of houses reported as containing one or more cases of infectious disease will be seen on reference to Table III., also a comparison with previous years.

TABLE III.

| Name of Disease | 1907 | 1908 | 1909 | 1910 | 1911 | Average for 5 years | 1912 |
|-----------------------|------|------|------|------|------|------------------------|------|
| Scarlet Fever..... | 21 | 17 | 50 | 61 | 22 | 34·2 | 32 |
| Diphtheria ... | 1 | 5 | 5 | 15 | 10 | 7·2 | 7 |
| Puerperal Fever | ... | 1 | 2 | ... | ... | ·6 | 1 |
| Enteric Fever .. | 1 | 6 | 5 | 3 | 2 | 3·4 | 1 |
| Erysipelas | 10 | 7 | 5 | 2 | 6 | 6 | 3 |
| Ophthalmia Neonatorum | ... | .. | ... | 2 | 1 | ·6 | ... |
| Total..... | 33 | 36 | 67 | 83 | 41 | 52 | 44 |

Table IV. gives a monthly record of the cases of infectious disease occurring in each Township.

TABLE IV.

| Nature of Disease | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|

BARTON MOSS.

| | | | | | | | | | | | | | |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Tuberculosis ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Total | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |

CLIFTON.

| | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Scarlet Fever ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 2 | ... | 4 |
| Enteric Fever .. | ... | ... | ... | ... | ... | .. | 1 | ... | ... | ... | ... | ... | 1 |
| Diphtheria | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 3 |
| Erysipelas | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Tuberculosis ... | ... | 2 | 1 | ... | 1 | 2 | 1 | ... | ... | 1 | ... | ... | 8 |
| Total..... | ... | 2 | 3 | ... | 1 | 2 | 2 | 1 | 1 | 2 | 3 | ... | 17 |

DAVYHULME.

| | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Scarlet Fever.... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 4 |
| Diphtheria | ... | ... | .. | ... | ... | ... | ... | ... | 1 | 1 | ... | 1 | 3 |
| Tuberculosis ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Total..... | 2 | 2 | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 2 | 8 |

FLIXTON.

| | | | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Scarlet Fever.... | 3 | 1 | 1 | 1 | 1 | 2 | 2 | .. | 7 | 3 | 1 | 2 | 24 |
| Diphtheria..... | ... | 1 | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | 1 |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | 3 |
| Tuberculosis ... | ... | 1 | 1 | 1 | 1 | 2 | 1 | 1 | ... | 2 | ... | .. | 10 |
| Total..... | 3 | 3 | 2 | 2 | 2 | 4 | 3 | 1 | 7 | 6 | 2 | 3 | 38 |
| Total for all Districts... | 5 | 7 | 5 | 2 | 3 | 6 | 5 | 3 | 9 | 9 | 5 | 5 | 64 |

The cases of Tuberculosis mentioned in the above Table were notified as follows :—

| | |
|---|----|
| Occurring in private practice of Medical Practitioners..... | 14 |
| Under Hospital Regulations..... | 4 |
| „ Poor-Law Regulations | 2 |

Fifteen cases of Infectious Disease were removed to Hospital during the year. Of these, 12 were suffering from Scarlet Fever, 2 from Diphtheria, and 1 from Enteric Fever.

Bedding from 38 houses have been disinfected at Mode Wheel Disinfecting Station. Thirty-nine houses have been fumigated.

The free distribution of Disinfectants from convenient centres in each Township still continues, a reasonable quantity being used.

HACKNEY CARRIAGES.

Two Hackney Carriages and two Drivers' Licenses have been renewed in Flixton.

In Davyhulme, two Taxi-cabs and one Drivers' Licence were issued.

No complaints have been received in connection with these.

PETROLEUM ACTS.

Eight Licenses for storage under the above Acts were granted, as follows:—

| | | |
|----------------|---------------------------------|---|
| Davyhulme..... | Petroleum or other Spirit | 5 |
| „ | Barbide of Calcium.. | 2 |
| Flixton | Motor Spirit | 1 |

Frequent visits have been paid to these premises, but no infringement of the regulations were discovered.

PUBLIC LIGHTING.

In Davyhulme, 11 new lanterns, with inverted burners, have been provided in Barton Road from the Canal Bridge to Redclyffe Road, and is a great improvement in the lighting of this portion of the district.

Automatic controllers have been fitted to each of the large lamps at Crofts Bank.

In Flixton, four additional lamps were erected—one, Balfour Road; one, Gales Brow; one, Albert Grove and the Bents Avenue.

In Clifton, no additions or renewals have taken place. The Council decided to light Manchester Road at various points throughout the night, and eight automatic controllers were obtained for this purpose.

No alterations have taken place in Barton Moss.

The whole of the lamps in your district were painted during the year.

The number of lamps in each district is shown in the following Table :—

TABLE V.

| District | Number of Lamps | Gas Supplied by |
|----------------------------|-----------------|---|
| Barton Moss..... | 17 | Salford Corporation |
| Clifton | 62 8 | Salford Corporation Clifton and Kearsley Coal Co. |
| Davyhulme | 22 123 6 | Salford Corporation Stretford Gas Company Oil Lamps |
| Flixton | 162 | Stretford Gas Company |
| Total for all Districts... | 400 | |

I am, Gentlemen,

Your obedient Servant,

ROBT. G. CHILD,

(*Cert. San. Inspt.*),

Sanitary Inspector.